

Package ‘requiRements’

December 9, 2022

Title Helper Package to Install Packages for R

Version 0.0.2

Date 2022-12-07

Description Helper function to install packages for R using an external 'requirements.txt' or a string containing diverse packages from several resources like Github or CRAN.

License GPL-3

URL <https://github.com/joundso/requirements>

BugReports <https://github.com/joundso/requirements/issues>

Depends R (>= 4.1.0)

Imports remotes

Suggests lintr, testthat

Encoding UTF-8

Language en-US

RoxygenNote 7.2.2

NeedsCompilation no

Author Jonathan M. Mang [aut, cre] (<<https://orcid.org/0000-0003-0518-4710>>),
MIRACUM - Medical Informatics in Research and Care in University
Medicine [fnd],
Universitätsklinikum Erlangen [cph]

Maintainer Jonathan M. Mang <jonathan.mang@uk-erlangen.de>

Repository CRAN

Date/Publication 2022-12-09 08:20:02 UTC

R topics documented:

install	2
Index	4

install	<i>Install the packages provided to this function</i>
---------	---

Description

Install the packages provided to this function

Usage

```
install(packages = NULL, path_to_requirements = NULL)
```

Arguments

packages (Optional, String, also as vector) The actual packages to install.

path_to_requirements (Optional, String) The path (including filename and type ending) to a text file containing all the packages to install.

Value

(Boolean) 'TRUE' if all packages are successfully installed, 'FALSE' otherwise.

Examples

```
## Not run:
## Test it with a string:
demo_string <- "
DIZutils
data.table
joundso/mainzelliste-connector
miracum/misc-dizutils@development
# this_one_will_be_ignored
"

requiReMENTS::install(packages = demo_string)

## Test it with a vector:
demo_vec <-
  c(
    "",
    "DIZutils",
    "data.table",
    "joundso/mainzelliste-connector",
    "miracum/misc-dizutils@development",
    "# this_one_will_be_ignored"
  )
requiReMENTS::install(packages = demo_vec)

## Test it with a file:
demo_path <- "../data-raw/requirements.txt"
```

```
requirements::install(path_to_requirements = demo_path)

## Test it with a string AND a file:
requirements::install(packages = demo_string,
                      path_to_requirements = demo_path)

## Test it with a vector AND a file:
requirements::install(packages = demo_vec,
                      path_to_requirements = demo_path)

## End(Not run)
```

Index

install, [2](#)